

Abstract of the Disclosure

A received light quantity detection device where high-sensitivity pixels and low-sensitivity pixels are formed is used for photometry. It is possible to perform measurement over the low range (for example, 0[EV] through 8[EV]) with a single occasion of photometry. In the case that both the high-sensitivity pixels and the low-sensitivity pixels are saturated, it is possible to perform further measurement over the high range (for example, 8[EV] through 16[EV]) by narrowing the aperture or increasing the electronic shutter speed for retried photometry with a retried photometry. This reduces the time required to calculate a correct exposure value on image pickup apparatus such as a camera.